

**THE JOINT SOLID WASTE
MANAGEMENT DISTRICT OF
DEFIANCE, FULTON, PAULDING
AND WILLIAMS COUNTIES**



February 2022

Defiance County Household Hazardous Waste



**HHW Resource Guide Provided by:
The Joint Solid Waste District of
Defiance, Fulton, Paulding and
Williams Counties**

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Household Hazardous Waste

Product	Information
TRANSMISSION FLUIDS: Automobile, van, trucks, etc.	Gary's Auto Repair, Advance Auto Parts, Auto Zone, and Monro Muffler will accept transmission fluids.
TURPENTINE: Used in paint strippers and thinners and are flammable. .	Solidify the liquid with an absorbent, then throw away.
Upholstery Cleaners: Scotch Guard, Bissel	Normally water based and can be diluted and disposed down a drain and then thrown in the trash..
Varnishes: Read the label, be aware of any fumes. Leave open to dry out or evaporate. .	Once solidified or hardened, it may go into the trash. Brush or use remaining on cardboard
WEED KILLER: Herbicides also known as weed killers are chemicals used to control unwanted weeds or grass.	If you have excess weed killer, follow directions and use it up on a lawn.

Household Hazardous Waste

Product	Information
THERMOMETERS: Look for a liquid, if it uses a metallic strip or coil to measure the temperature (like a meat thermometer) it does not contain mercury. If the liquid is silver, assume that it is mercury. The label should define what is used.	Defiance County Environmental Services will recycle thermometers with Mercury
THERMOSTATS: Electronic and magnetic snap switches do not contain mercury. If a glass bulb is inside, it does have mercury. .	Defiance County Environmental Services will recycle thermostats with Mercury.
Toilet Bowl Cleaners: The Works, Lysol, Clorox, etc.	These are meant to go down a toilet. Throw container in the trash.
Toner Cartridges: Most manufacturers will accept used ones.	Register on line with Office Depot to recycle toner cartridges.

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Household Hazardous Waste

Product	Information
Spray Cans: Or aerosol cans can be used (all gases are used) and thrown in to the trash.	Fulton County Residents may check with Clean-lites Recycling. Clean-lites received grant funding to implement an aerosol can recycling system. .
Stainless Steel Cleaner: May contain toxic chemicals.	Liquids and pastes may be diluted and put in a drain or directly into the trash..
Stove Cleaners: Many options for glass top, stainless, flat surfaces, removeable burners, etc.	Read the labels, but most may be thrown into the trash..
Televisions: Analog, Digital, Plasma, Flat Screens, Tubes	TV's have very little components worth recycling. They can be thrown into the trash or taken to a landfill.

Household Hazardous Waste

Product	Information
Sanitizers: May contain bleach, alcohol, vinegar.	Minor acids and chlorine can be diluted and poured down a drain.
SEALANTS: Are available for a variety of uses: concrete, walls, roofs, tires, etc.	Read the labels for use and disposal. Many can be left to harden or solidify before throwing in trash.
SHELLACS: A shellac finish has been used by woodworkers since the early 1800's, it is non-toxic and can be used as a sealer before a stain is applied.	Read the label. Shellacs can be hardened or solidified.
SOLVENTS: you see flammable, combustible, caution or warning, the solvent contains chemicals.	Flammable materials should be mixed with sand,, or sawdust, or kitty litter to solidify.
Spot Removers: Shout, Resolve	Water soluble can be diluted and poured down the drain.

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Household Hazardous Waste

Product	Information
ROOFING SHINGLES: May contain adhesives, tar residue and may contain friable asbestos. .	If roof shingle's are asbestos free, they can be disposed of at a landfill.
ROOFING TAR: Produces toxic fumes. If using a roll on roof tar, use appropriate PPE's to be safe.	Liquids are not allowed at landfills and extra tar could be brushed on cardboard or some other item to dry and hardened. Then throw away.
RUBBER ROOFING: Adhesives used for rubber roofing can give off large (VOC's)	Rubber Roofing is fire resistant.
RUST OR CORROSION PREVENTIATIVE: Petroleum derived preventatives are handled differently than bio-based products. Read Labels.	Water soluble may be diluted and poured down a drain, others follow directions.

Household Hazardous Waste

Product	Information
PRESCRIPTION DRUGS: Don't keep old medicines.	Prescription drugs may be taken to the Defiance County Sheriff's Office.
Propane Tanks: Do not empty a propane tank by letting the gas escape via the valve. Propane venting can cause an area to become flammable very quickly. Propane is heavier than air and can collect at your feet or in a low area.	Take empties to a propane exchange dealer. Not using the full tank, they will accept those as well.
RODENTICIDES: Poisons used to kill mice, rats, ants, roaches, wasps, moles, etc. Wear disposal gloves and wash hands after handling.	Place into a sealed container that has a screw on cap. Secure with tape and place inside a Ziplock bag before throwing in trash.

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Household Hazardous Waste

Product	Information
ACIDS: hydrochloric acid, sulfuric acid, phosphoric acid, and nitric acid	Hazardous. Read all labels for proper handling
Adhesives: Gorilla Glue, Super Glue, Loctite. White glue, paste and glue stick are the safest to use.	Small amounts can be left opened to dry out, or cut the tube or container to dry out. Large amounts can be spread on cardboard or newspapers to dry. When content is hard, it is disposable.
Aerosol Cans: Hair Spray Cans, Oven Cleaner, etc.	Use the entire can. When all pressure is gone, it is safe to dispose.
Air Fresheners: Phthalates are the chemicals that are added and could be toxic. Always read labels.	Aerosol containers use the entire can. Others, use contents and dispose in trash.

Household Hazardous Waste

Product	Information
PESTICIDES: Toxicity varies from one pesticide to another, all pesticides should be treated with caution. Purchase only quantities to be used and read the label for proper use and disposal.	Excess pesticide concentrate can be diluted per the label and applied to an area.
POOL CHEMICALS: May include chlorine, calcium or sodium, muriatic acid, bicarbonate, shock (a form of chlorine). When storing pool chemicals keep them dry and out of direct sun. Moisture and heat are both elements that can trigger bad reactions, such as fires and toxic fumes.	Never mix any chemicals. Small amounts may be diluted and flushed down a drain. Large amounts may be solidified with sawdust, sand or paper and thrown into the trash.

Household Hazardous Waste

Product	Information
PAINT: , Oil based, and Water Based can be safely disposed. Lead in paint has been banned since 1978 and mercury as a paint ingredient, since 1990. If you suspect lead paint was used in an old house, seek professional help.	You should use all of the paint purchased shortly after purchased, but that last 2" are rarely used. Leave the lid off to dry up, or add sand, kitty litter, an absorbent to solidify and then throw in the trash.
PAINT CLEANERS: Turpentine, mineral spirits contain chemicals and are flammable. Always use in a vented area.	Use entire contents.. Add sand, kitty litter, an absorbent to solidify and then throw in the trash.
PAINT SOLVENTS: Such as paint thinners and strippers are flammable.	Use entire contents.. Add sand, kitty litter, an absorbent to solidify and then throw in the trash.

Household Hazardous Waste

Product	Information
Animal Supplies: Flea Collars contain insecticides	Flea collars lose potency and can be thrown away. Any medicines or non used items could be donated to the Humane Shelter.
Antibacterial Products: Purell, Soft Soap, Dial, etc.	Dilute with water and flush down drain.
ANTIFREEZE: Propylene Glycol based is less toxic than Ethylene Glycol. Read the Labels.	Gary's Auto Repair, Advance Auto Parts, Auto Zone, Monro Muffler, Tireman, and O'Reilly's will accept antifreeze.
Appliances: May contain a toxic gas called freon.	Most scrap yards will accept freon free appliances.
ART SUPPLIES: Silica Dust, glazes, solvents, paints, formaldehyde.	Read the labels for use, storage and disposal. Use all contents, or donate to churches or youth organizations.

Household Hazardous Waste

Product	Information
ASBESTOS: Becomes a hazard when disturbed and fibers are inhaled. Normally found in old floor tiles, insulation.	Used 1940 thru 1970's. Call a professional to test and remove if needed.
Antibacterial Products: Purell, Soft Soap, Dial, etc.	Dilute with water and flush down drain.
BATTERIES: Alkaline In 1996 the use of mercury in batteries was phase out.	Are the most common disposable battery. Small dry cell, sealed, non-rechargeable types for handled electronics, toys, etc. May be thrown in trash.
BATTERIES: Rechargeable	Lowe's and Menards will accept these. A bin is located at the front of the stores.

Household Hazardous Waste

Product	Information
Mothballs: Mothballs are small balls of chemical pesticide and deodorant, sometimes used when storing clothing and other articles susceptible to damage from mold or moth larvae. The chemicals in mothballs are toxic to humans and pets.	People are exposed to the chemicals in mothballs by inhaling the fumes. If you smell mothballs, you are being exposed to these chemicals. Wrap the mothball into a paper towel and place in a Ziplock bag before throwing into the trash.
MOTOR OIL: Automotive and Mechanical uses.	Gary's Auto Repair, Advance Auto Parts, Auto Zone, Monro Muffler, Tireman and O'Reilly's will accept motor oil.
Oven Cleaners: Easy Off, Mr. Clean, Goo Gone	Contain chemicals and some have harsh fumes. Use all content, throw in trash.

Household Hazardous Waste

Product	Information
<p>MERCURY; Most household items that contain mercury are miniscule. Anything over a pea size, leave the area and call for a professional. Mercury vapors are hazardous.</p>	<p>Defiance County Environmental Services will accept small amounts of Mercury. Place in a glass container with a lid and put container in a zip lock bag. Thermometers and thermostats should be place into zip lock bag.</p>
<p>METAL POLISHES: Could be flammable, toxic and possibly corrosive. Read the label and all comments.</p>	<p>Liquid Metal polishes must be solidified using an absorbent material. Pastes or aerosol cans many be disposed of into household waste.</p>
<p>Mildew Remover: May contain harmful chemicals. Never mix products with chemicals.</p>	<p>Use contents as directed. Small amounts slowly pour down drain with running water.</p>

Household Hazardous Waste

Product	Information
<p>BATTERIES: Lead Acid Lead is a toxic heavy metal and contains acid and could be corrosive.</p>	<p>Most auto shops will accept car batteries. Advance Auto Parts, Auto Zone and O'Reilly's will accept batteries and issue a gift card. Menards will accept up to 10, NAPA up to 5, and Monro Muffler and Vaughn's Auto Salvage no limit.</p>
<p>BATTERIES: UPS Uninterrupted Power Supply</p>	<p>Backup batteries for computers.</p>
<p>BLEACH: 2 gallons or less water soluble and may be diluted with water and emptied into a drain.</p>	<p>Triple rinse container and check with local recycling program.</p>

Household Hazardous Waste

Product	Information
BRAKE FLUIDS: Is alcohol based and is toxic if ingested.	Gary's Auto Repair, Advance Auto Parts, Auto Zone, Monro Muffler, Tireman, and O'Reilly's will accept antifreeze.
Bug Sprays: Off, Raid, aerosols, non-aerosols, wipes, clips, etc.	Liquids may be solidified with cat litter and then dispose in trash.
Car Waxes and Polishes: Read the labels to determine if flammable or toxic.	Liquid products free of chemicals may be diluted with water and flushed. Chemical types should follow directions.
Carpet Supplies: Cleaners and Deodorizers.	Most liquid, gel and powder soluble products can be disposed down the drain with
Cell Phones: AT&T, Verizon, T Mobile, Sprint offer incentives to return phones to cell store.	Defiance County Environmental Services is a drop off location to collect cells for Soldiers for Cell Phones.

Household Hazardous Waste

Product	Information
Lighter Fluids (Grills): Use the lighter fluid as it was intended.	Use up and throw in trash
Lighter Fluids (Butanes): Use as it was intended.	Use up contents and thrown into trash.
MACHINE OILS & LUBRICANTS; This includes crankcase oil, hydraulic fluids, power steering fluid, motor oils, etc. Oils never wear out, they just get dirty.	Do not mix fluids. Gary's Auto Repair, Advance Auto Parts, Auto Zone, Monro Muffler and Tireman will accept these fluids.
Medicines: Prescribed medication is for the person it is prescribed for only. It could poison or have a different affect on someone else.	Place medicines in a unappealing substance to deter theft. Used kitty litter, grease, wet coffee grounds, etc. Defiance County Sheriff's Office will accept prescription medicines.

Household Hazardous Waste

Product	Information
KEROSENE; Highly flammable and toxic. Do not pour down a drain, put into trash or on ground.	Gary's Auto Repair, Monro Muffler, and Tireman will accept kerosene.
Laundry Supplies: Cleaners: ERA, Tide, Oxi-Clean, Gain. Fabric Softeners: Snuggle, Downey, Pre-Soaks: Oxi-Clean, Borax, Stain Removers: Spray and Wash, Clorox, Biz	May come in liquid, powders, gels, pods or sheets. Contents may be emptied, rinsed and thrown into trash. Check with local recycling to recycle containers. Throw dryer sheets away..
LED Light Bulbs: Is Light Emitting Diode use significantly less energy than a CFL and do not contain mercury.	Can be thrown in the trash, non-toxic, or Menards will accept.

Household Hazardous Waste

Product	Information
CFL's Compact Fluorescent Light Bulbs—Curly Light Bulbs. .	Recycle these at the local Menards or Home Depot.
Computers: Components may include CPU/Tower, Hard Drive, Disc Drive, Key Board, Mouse, Monitor, speakers, etc.	CPU's or towers and laptops are recycled with Defiance County Environmental Services.
CRT's: Cathode Ray Tube	Used in older tube TV's and large computer screens. May be disposed in trash or recycled at e-waste events.
DARKROOM CHEMICALS: Rapid Fixers contain silver and must be taken to a hazardous facility. Developers, toners, and washing agents may be disposed.	Read labels. Liquids may be diluted and flushed down the drain or hardened and placed into the trash. .

Household Hazardous Waste

Product	Information
Dish Soap: Dawn, Joy—water soluble	Dilute with water and place down drain. Check local recycling if the plastic container is recyclable.
Dishwasher Supplies: Soap, Rinse Agents such as Cascade, Finish	Dilute with water and place down drain. Check local recycling if the plastic container is recyclable.
Disinfectants: Lysol, Clorox	Dilute with water and place down drain. Check local recycling if the plastic container is recyclable.
Drain Openers or Cleaners: Drano, Liquid Lightning	Read labels. Most liquid, gel and powder water-soluble products can be disposed down the drain with running water .

Household Hazardous Waste

Product	Information
Household Cleaners: Cleaners come in liquids, gels, pastes, powders and most are water soluble.	Dilute with water and place down drain. Check local recycling if the container is recyclable.
Incandescent Light Bulbs The 'old' regular light bulb.	Does not contain anything toxic and can be thrown in trash or Menards will accept them.
Ink Cartridges: Many printers, copiers and fax machines have some type of ink cartridge.	Many manufacturers will accept the returned cartridge to be re-filled. Check with the place you bought it from.
INSECTICIDES; Poisons! Read the label, many products have different levels of toxins.	Wear proper PPE to avoid going into eyes, nose, mouth or ears. Use entire contents then throw empty container in trash.

Household Hazardous Waste

Product	Information
Glass & Window Cleaners: May contain alcohol, vinegar and/or bleach. Read the labels.	Dilute with water and place down drain. Check local recycling if the container is recyclable.
Glue: Proper disposal depends on the main ingredients. Is it water based or a solvent? Read the label	Water based can go into the trash. Solvent glues may be flammable, Open the lid in a vented, unoccupied area to harden. Or solidify with kitty litter or an absorbent and throw in with trash.
Halogen Bulbs Is known as a tungsten halogen quartz-halogen or quartz iodine bulb or lamp.	Incandescent bulb and can be thrown into the trash or Menards will accept them.
Hand Soap and Body Wash: Soft Soap, Dove, Dial, etc.	Dilute with water and place down drain.

Household Hazardous Waste

Product	Information
Drugs: Prescription or over the counter.	Go to the Defiance County Sherriff's Office for proper disposal. OR place in used kitty litter, wet coffee grounds, rotted food and then you can throw into trash.
E-waste: CPU's, monitors, peripherals, laptops, readers, tablets are referred to as e-waste.	Check for local e-waste or electronics events to be recycled.
Fertilizer: Fertilizer without pesticides and only contain plant nutrients DO NOT require special disposal. Fertilizers that have pesticides such as pre-emergent, weed preventer or disease control do.	Liquid fertilizer without pesticides may be diluted with water and poured down sink. With pesticides use it as directed, outside on the ground.

Household Hazardous Waste

Product	Information
FILTERS Mechanical: Used oil filters can contain up to 10 ounces of used oil.	Many auto shops will keep the filters to drain of used oil.
Floor Supplies: Cleaners such as Lysol, Clorox, Mop and Glo, Fabuloso, Pine Sol and waxes.	Dilute with water and place down drain. Check local recycling if the container is recyclable.
FLUORESCENT LIGHT TUBES; Fluorescent contains a gas and a small amount of mercury.	Menards will accept these to be recycled from residents only. Bring to front desk.
Freezers: Freon is a toxic gas in refrigerators and freezers.	Many scrap yards will accept freon free appliances.

Household Hazardous Waste

Product	Information
FUNGICIDES; Fungicides, herbicides and insecticides are all pesticides.	Use entire content as directed. Read labels.
Furniture Polish: Pledge, Old English, Liquid Gold	Use entire contents, thrown into trash.
GASOLINE; Highly flammable and extremely toxic. Is a health and environmental hazard if spilled.	Gary's Auto Repair, Monro Muffler and Tireman, will accept old gasoline.
GASOLINE MIXED; 2-cylce gas, pre-mixes, still toxic	Gary's Auto Repair, Monro Muffler and Tireman, will accept old gasoline.